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* * *

TRANSMITTAL LETTER

The Commissioner of Patents
PO Box 1450
Alexandria, VA 22313-1450

ATTN: Mail Stop Patent Applications

Sir:

Transmitted herewith for filing is the patent application of: Neelesh B. Mehta, Pallav Sudarshan, Andreas F. Molisch, and Jinyun Zhang.

FOR: SPACE TIME TRANSMIT DIVERSITY WITH SUBGROUP RATE CONTROL AND SUBGROUP ANTENNA SELECTION IN MULTI-INPUT MULTI-OUTPUT COMMUNICATIONS SYSTEMS

Enclosed are:

- [14] pages of specification, claims and abstract
- [4] sheet of formal drawings
- [X] Declaration and Power of Attorney
- [X] Assignment of the application
- [X] Information Disclosure Statement

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The filing fee is calculated as follows:

| | NUMBER FILED | CLAIMS AS FILED NUMBER EXTRA | LARGE ENTITY | AMOUNT |
|---------------------------------|-----------------|------------------------------------|-----------------|-----------|
| Basic Fee | | | | \$ 770.00 |
| Total Claims | 8 | -20 = 1 | x 18.00 | \$ 0.00 |
| Independent Claims | 2 | -3 = | \$80.00 | \$.00 |
| Assignment Recording Fee | | | 40.00 | \$ 40.00 |
| Multiple Dependent Claim Fee | | | 270.00 | |
| Other | | | | |
| TOTAL FEE | | | | \$ 810.00 |

- [X] Please record the accompanying Assignment.
- [X] Please charge Deposit Account No. 50-0749 in the amount of \$ 810.00 for filing fees.
- [] Check in the amount of _____ for Filing Fee.
- [X] The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.

All future correspondence should be addressed to:

Patent Department
Mitsubishi Electric Research Laboratories, Inc.
201 Broadway
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: _____

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